

ROUTING			
TO:	NAME AND ADDRESS	DATE	INITIALS
1	ARCHIVES		
2			
3			
4			
	ACTION	DIRECT REPLY	PREPARE REPLY
	APPROVAL	DISPATCH	RECOMMENDATION
	COMMENT	FILE	RETURN
	CONCURRENCE	INFORMATION	SIGNATURE
REMARKS:			
FROM: NAME, ADDRESS, AND PHONE NO.			DATE
NPIC/186			1 NOV 1983

**SECRET**



(Security Classification)

NOFORN

(See inside cover)

25X1

CONTROL NO. 2-14061/83COPY 29 OF

  
**Warning Notice**  
 Intelligence Sources or Methods Involved  
**NATIONAL SECURITY INFORMATION**  
 Unauthorized Disclosure Subject to Criminal Sanctions  


**SECRET**

(Security Classification)

**Warning Notice**  
**Intelligence Sources or Methods Involved**  
**(WNINTEL) or (D)**

**NATIONAL SECURITY INFORMATION**  
**Unauthorized Disclosure Subject to Criminal Sanctions**

**DISSEMINATION CONTROL ABBREVIATIONS**

<b>NOFORN-</b>	<b>Not Releasable to Foreign Nationals</b>
<b>NOCONTRACT-</b>	<b>Not Releasable to Contractors or Contractor/Consultants</b>
<b>PROPIN-</b>	<b>Caution-Proprietary Information Involved</b>
<b>ORCON-</b>	<b>Dissemination and Extraction of Information Controlled by Originator</b>
<b>REL . . .</b>	<b>This Information has been Authorized for Release to . . .</b>

**SECRET**

25X1

**(c) NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER**Page 1 of 2Copy     Attachment to Z-14061/83  
NPIC/IEG (11/83)  
1 NOVEMBER 1983**NEW PROBABLE ROCKET MOTOR  
HOHHOT SOLID PROPELLANT COMPLEX, CHINA (SWN)**

25X1

1. SIGNIFICANCE: THIS NEW PROBABLE ROCKET MOTOR COULD BE USED IN A FUTURE CHINESE STRATEGIC MISSILE OR SPACE LAUNCH VEHICLE. (SWN)
2. REMARKS: THE NEW PROBABLE ROCKET MOTOR, [REDACTED] WAS IDENTIFIED AT TEST CELL 1 [REDACTED] THE PROBABLE MOTOR WAS PRESENT [REDACTED] HOWEVER, MASKING AND HAZE PRECLUDED ITS IDENTIFICATION. THE DIMENSIONS OF THE MOTOR [REDACTED] INDICATE THE NEW ROCKET MOTOR IS MUCH LONGER THAN THE CSS-NX-3 FIRST STAGE [REDACTED], BUT MAY BE THE SAME DIAMETER [REDACTED] TWO HANDLING RINGS CONNECTED BY A HANDLING STRONGBACK WERE ATTACHED TO THE MOTOR. (SWN)

25X1

25X1

25X1

25X1

25X1

25X1

25X1

ALTHOUGH NO BLAST MARK WAS DISCERNIBLE AT TEST CELL 1 ON SEPTEMBER AND OCTOBER IMAGERY, A BLAST MARK WAS SEEN AT THE RECENTLY COMPLETED TEST CELL 3 [REDACTED] A ROCKET MOTOR, [REDACTED] WAS AT TEST CELL 3 [REDACTED] SINCE THE DIMENSIONS OF THAT ROCKET MOTOR MAY NOT BE ACCURATE DUE TO OBLIQUITY, IT IS POSSIBLE THAT THE MOTOR SEEN AT TEST CELL 1 DURING OCTOBER WAS THE SAME ONE TESTED AT TEST CELL 3 IN SEPTEMBER. CONVERSELY, IT IS ALSO POSSIBLE THAT THE MOTOR SEEN AT TEST CELL 1 WAS NOT RELATED TO THE TEST AT TEST CELL 3, BUT WAS A MOCK-UP USED TO REHEARSE HANDLING PROCEDURES WITH A LARGE ROCKET MOTOR PRIOR TO TESTING AN ACTUAL MOTOR OF THAT SIZE. (SWN)

25X1

25X1

ACTIVITY OBSERVED AT TEST CELL 2 SINCE JUNE 1983 ALSO SUGGESTS THAT TESTING MAY HAVE BEGUN THERE ON ANOTHER NEW ROCKET MOTOR DEVELOPMENT PROGRAM. A NEW PROBABLE VACUUM CHAMBER WAS FIRST OBSERVED AT TEST CELL 2 [REDACTED] THE VACUUM CHAMBER HAD PROBABLY BEEN POSITIONED WITHIN THE TEST CELL. [REDACTED] A DIFFUSER HAD BEEN POSITIONED WITHIN THE TEST CELL AND PROBABLY MATED WITH THE VACUUM CHAMBER. (SWN)

25X1

25X1

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue.

25X1

**WARNING NOTICE**  
Intelligence Sources  
and Methods Involved

**SECRET**

25X1

**SECRET**

25X1

**(c) NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER**Page 2 of 2

Attachment to Z-14061/83

Copy \_\_\_\_\_

ANALYST'S COMMENTS: ALTHOUGH THE ULTIMATE PURPOSE OF THE NEW PROBABLE ROCKET MOTOR CANNOT YET BE DETERMINED, SEVERAL POSSIBILITIES EXIST. THESE POSSIBILITIES INCLUDE:

- (A) USE AS A FIRST STAGE OF A SOLID-PROPELLANT ICBM. NEW CASTING/CURING FACILITIES CONSTRUCTED IN THE ROCKET MOTOR PRODUCTION PLANT AT HOHHOT SINCE 1978 ARE SUITABLE FOR THE PRODUCTION OF ICBM FIRST STAGE MOTORS.
- (B) USE AS A LARGER FIRST STAGE FOR THE NEW LAND-BASED VERSION OF THE CSS-NX-3. THIS MAY INCREASE THE RANGE OF THAT MISSILE FROM MRBM TO IRBM.
- (C) USE AS THE FIRST STAGE OF A NEW TWO-STAGE MISSILE OTHER THAN THE CSS-NX-3 OR ITS LAND-BASED VARIANT. THE ACTIVITY OBSERVED AT TEST CELL 2 COULD BE RELATED TO DEVELOPMENT OF A SECOND STAGE FOR SUCH A MISSILE. THE CONSTRUCTION OF TEST CELL 3 ALSO SUGGESTS THAT THE CHINESE MAY DEVELOP AN ENTIRELY NEW MISSILE SYSTEM.
- (D) USE AS A STRAP-ON BOOSTER FOR A SPACE LAUNCH VEHICLE, PROBABLY AN IMPROVED VERSION OF THE CSL-X-3. (SWN) \_\_\_\_\_

25X1

3. \_\_\_\_\_ COORDINATES 40-46-14N 111-59-18E (S)

25X1

These notes have been prepared for briefing purposes only and should not be used for detailed analytical work. Their use should be restricted to the particular briefing board(s) they were prepared for and must be considered valid only for the reporting period as indicated by the date of issue.

25X1

**WARNING NOTICE**  
Intelligence Sources  
and Methods Involved

**SECRET**

25X1

Declassified in Part - Sanitized Copy Approved for Release 2012/01/27 : CIA-RDP84T00171R000300070001-2

**Page Denied**

Declassified in Part - Sanitized Copy Approved for Release 2012/01/27 : CIA-RDP84T00171R000300070001-2